

## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q82011

Takashi MIYAZAKI, et al.

Appln. No.: National Stage Entry of PCT/JP03/04643 filed April 11, 2003

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: July 02, 2004

Examiner: Unknown

For: PERMANENT MAGNET ELECTRIC MOTOR

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents, other than any U.S. patents and patent publications, is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under § 1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations:

INFORMATION DISCLOSURE STATEMENT  
Attorney Docket No.: Q82011

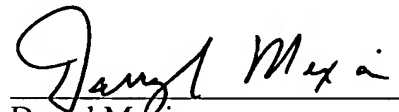
5718 Rec'd PGT/PTO 02 JUL 2004  
10/500624

**Japanese Patent Application No. 4-21330 discloses dividing a rotor into four segments of stages to reduce a cogging torque of two wavelength components.**

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

  
Darryl Mexic  
Registration No. 23,063

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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: July 2, 2004

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	Unknown
Confirmation Number	[confirmation number]
Filing Date	July 02, 2004
First Named Inventor	Takashi MIYAZAKI
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	Q82011

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	4-021330		01-24-1992	FANUC LTD	Abstract

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.

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SUBMISSION OF ISR AND REFERENCES

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

A copy of the International Search Report, issued in the above identified International Application, as well as the references cited therein, are submitted herewith.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: July 1, 2004

Respectfully submitted,



Darryl Mexie

Registration No. 23,063

Substitute for Form 1449 A & B/PTO  <h3 style="text-align: center;">REFERENCES CITED IN ISR OF PCT/JP0304643</h3> <p style="text-align: center;">(use as many sheets as necessary)</p>				Complete if Known  <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>National Stage Entry of PCT/JP03/04643 filed April 11, 2003</td> </tr> <tr> <td>Confirmation Number</td> <td>Unknown</td> </tr> <tr> <td>Filing Date</td> <td>July 02, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Takashi MIYAZAKI</td> </tr> <tr> <td>Art Unit</td> <td>Unknown</td> </tr> <tr> <td>Examiner Name</td> <td>Unknown</td> </tr> <tr> <td>Attorney Docket Number</td> <td>Q82011</td> </tr> </table>		Application Number	National Stage Entry of PCT/JP03/04643 filed April 11, 2003	Confirmation Number	Unknown	Filing Date	July 02, 2004	First Named Inventor	Takashi MIYAZAKI	Art Unit	Unknown	Examiner Name	Unknown	Attorney Docket Number	Q82011
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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		EP	1052761	A2	11-15-2000	Kinoshita, Yukio Hitachi-shi, Ibaraki 316-0026	
		JP	2003-032939	A	01-31-2003	MATSUSHITA ELECTRIC IND CO LTD	Abstract
		WO	98/40952	A1	09-17-1998	SUSHITA ELECTRIC INDUSTRIAL CO., LTD	
		JP	2000-308286	A	11-02-2000	YAMAHA MOTOR CO LTD	Abstract
		JP	2003-061326	A	02-28-2003	MATSUSHITA ELECTRIC IND CO LTD	Abstract
		JP	10-257700	A	09-25-1998	MATSUSHITA ELECTRIC IND CO LTD	Abstract
		JP	2000-324768	A	11-24-2000	KINOSHITA YUKIO	Abstract

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